

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	15456	IgG	USPAT	2000/10/06 15:33			0
2	BRS	L2	30238	dimer\$2	USPAT	2000/10/06 15:33			0
3	BRS	L3	199	1 near30 2	USPAT	2000/10/06 16:17			0
4	BRS	L4	16494	bsa	USPAT	2000/10/06 16:17			0
5	BRS	L5	44	2 near30 4	USPAT	2000/10/06 16:17			0

L11 ANSWER 7 OF 7 SCISEARCH COPYRIGHT 2000 ISI (R)  
AN 92:365021 SCISEARCH  
GA The Genuine Article (R) Number: HX992  
TI CHROMATOGRAPHIC ANALYSIS OF TROPOMYOSINS FROM RABBIT SKELETAL, CHICKEN  
GIZZARD AND EARTHWORM MUSCLE  
AU CRIMMINS D L (Reprint); THOMA R S  
CS WASHINGTON UNIV, SCH MED, HOWARD HUGHES MED INST, CORE PROT PEPTIDE  
FACIL,

660 S EUCLID AVE, ST LOUIS, MO, 63110 (Reprint)

CYA USA

SO JOURNAL OF CHROMATOGRAPHY, (22 MAY 1992) Vol. 599, No. 1-2, pp. 51-63.  
ISSN: 0021-9673.

DT Article; Journal

FS PHYS; LIFE

LA ENGLISH

REC Reference Count: 38

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

AB . . . . reversed-phase high-performance liquid chromatography are described. Binding to and/or elution from the reversed-phase matrix results in dissociation into highly helical **monomeric** chains. This mode of chromatography separates the alpha and beta-chains of earthworm and chicken gizzard tropomyosins, but not those of the rabbit **protein**. Both **anion-** and **cation-exchange chromatography** use mild (benign) elution conditions under which the native, in vivo **dimer** population should be preserved. Only the rabbit protein exhibited peak separation on

AN 92165068 MEDLINE  
DN 92165068  
TI Synthesis of the biologically active beta-subunit of human nerve growth factor in Escherichia coli.  
AU Negro A; Martini I; Bigon E; Cazzola F; Minozzi C; Skaper S D; Callegaro L  
CS Advanced Technology Division, Abano Terme, Italy..  
SO GENE, (1992 Jan 15) 110 (2) 251-6.  
Journal code: FOP. ISSN: 0378-1119.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199206  
AB . . . bacteriophage promoters PR and PL, and expressed in Escherichia coli. The recombinant protein represented approximately 3% of the total cellular **protein**. Biologically active hNGFB was solubilized (0.2% total NGFB) and purified by **cation-exchange chromatography** and it yielded two bands on polyacrylamide-gel electrophoresis under nonreducing conditions, corresponding to the **monomeric** (14 kDa) and homodimeric (26.5 kDa) forms of the molecule. Both hNGFB forms were immunopositive on Western blots with rabbit. . .

L9 ANSWER 33 OF 44 MEDLINE

DUPLICATE 27

AN 92331794 MEDLINE

DN 92331794

TI Detection of VAC-beta (annexin-8) in human placenta.

AU Pepinsky R B; Hauptmann R

CS Department of Protein Chemistry, Biogen, Inc., Cambridge, MA 02142..

SO FEBS LETTERS, (1992 Jul 13) 306 (1) 85-9.

Journal code: EUH. ISSN: 0014-5793.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199210

AB . . . less than 1% of extracted annexins. From 150 g of tissue, only 100 micrograms of the protein was isolated. By **anion-exchange chromatography** on diethylaminoethyl-cellulose annexin-8 coeluted with annexin-3. By gel filtration, the **protein** chromatographed as a broad peak, where half the product eluted as a **monomer** and half eluted as a heterodimer that was associated with

L9 ANSWER 40 OF 44 SCISEARCH COPYRIGHT 2000 ISI (R)  
AN 91:390418 SCISEARCH  
GA The Genuine Article (R) Number: FV767  
TI PURIFICATION AND PROPERTIES OF THE HEXON ANTIGEN OF CANINE ADENOVIRUS  
SEROTYPE CAV-1  
AU VERKHOVSKAYA L V (Reprint); ULASOV V I; KISELEVA E K; KHILKO S N;  
TIKHONENKO T I  
CS ALL UNION AGR BIOTECHNOL RES INST, MOSCOW, USSR (Reprint); ALL UNION  
CONTROL VET PREPARAT INST, MOSCOW, USSR; DK ZABOLOTNYI MICROBIOL & VIROL  
INST, KIEV, UKRAINE, USSR  
CYA USSR  
SO BIOCHEMISTRY-RUSSIA, (1990) Vol. 55, No. 11, pp. 1488-1492.  
DT Article; Journal  
FS LIFE  
LA ENGLISH  
REC Reference Count: 11  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*  
AB . . . from the culture medium of cells of a primary dog kidney  
culture, infected with CAV-1, by means of hydrophobic and **anion**  
**exchange chromatography**. The native (trimer) form of  
the CAV-1 hexon is resistant to denaturation by SDS under conditions of  
electrophoresis without thermal denaturation of the samples. The  
**monomeric polypeptide** chain of the CAV-1 hexon is  
identical in electrophoretic mobility with the hexon **polypeptide**  
BAV-3, has a molecular weight of 103 kD according to the sequencing data.  
Polyclonal and monoclonal antibodies with cross-specificity against. .

L9 ANSWER 4 OF 44 CAPLUS. COPYRIGHT 2000 ACS

AN 1999:784126 CAPLUS

DN 132:20776

TI Separation of protein monomers from aggregates by use of ion-exchange chromatography

IN Ansaldi, Deborah; Lester, Philip

PA Genentech, Inc., USA

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9962936	A1	19991209	WO 1999-US11598	19990524
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9942059	A1	19991220	AU 1999-42059	19990524
PRAI	US 1998-87602		19980601		
	WO 1999-US11598		19990524		

RE.CNT 8

RE

(1) Anon; US 5250663 A

(2) Anon; US 5256294 A

(3) Anon; US 5490937 A

(4) Fisher; US 4228154 A 1980 CAPLUS

(5) Genentech Inc; WO 9204970 A 1992

ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT **Anion exchange chromatography**  
Buffers

## Freeform Search

Database: US Patents Full-Text Database

l2 same (purification or purify or  
separation or separate)

Term:

Display 10 Documents in Display Format: KWIC

Generate: ☐ Hit List ☒ Hit Count ☐ Image

Search

Clear

Help

Logout

Main Menu

Show S Numbers

Edit S Numbers

## Search History

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	l2 same (purification or purify or separation or separate)	30	<u>L4</u>
USPT	l2 same bovine	27	<u>L3</u>
USPT	l1 same (exchange near chromatography)	60	<u>L2</u>
USPT	albumin same (anion or cation)	499	<u>L1</u>